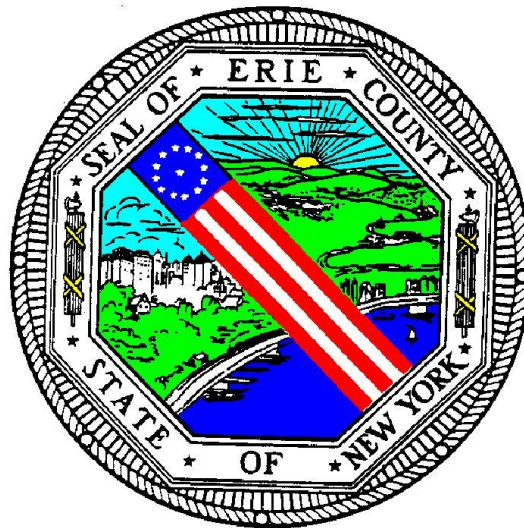


UB Center for Industrial Effectiveness



School of Engineering and Applied Sciences

Release Under Supervision (RUS)





Define Phase





PROJECT TEAM MEMBERS

John Lupienski – Master Black Belt

Rachelle Cybulski – Champion

Brian McLaughlin – Process Owner

Dan Drury – Pre-Trial Supervisor

Brendon Dickman – Green Belt

Michael O'Connor – Probation Officer

Mark Yetter -Probation Officer

Nicole Shambo – Probation Assistant

JoAnna Alfonso- Cooke – Pre-Trial

Dawn DiFonzo – Billing Account Clerk - GB





The Release Under Supervision Program (RUS) releases and supervises arrested defendants between court dates. The selected defendants are chosen after a rigorous screening process is completed.





PROJECT CHARTER

Strategic Goal/Business Case: To reduce the number of inmates housed at the holding center to create a cost savings for the County and Taxpayer along with assisting with compliance of New York State Regulations regarding the number of inmates that can be housed at the holding center.

Problem Statement: To reduce the amount of money spent by Erie County and the Taxpayers to house inmates in the Holding Center.

Project Objective: Create more standardized procedures and increase communication with the courts to increase the number of defendants accepted/referred into the RUS program.





Benefits/Savings Potential:

Increase the number of referrals from Judges for Release Under Supervision, subsequently release more inmates from the holding center, thus assisting in reducing jail overcrowding and saving the county approx \$128.00 per day per inmate.

Scope/Boundaries:

Within the scope of the Probation Department and Pretrial is creating standardized procedures and clarify the exceptions list to increase the number of defendants eligible.

Outside our scope is the Courts and Judges and how many defendants they believe fit into the RUS requirements.

Timeline:

Start date 3/23/09. Completion 9/23/09.





Measure Phase





Suppliers: Police, Sheriffs, Judges, Attorneys

Inputs: Referrals from Pre-Trial

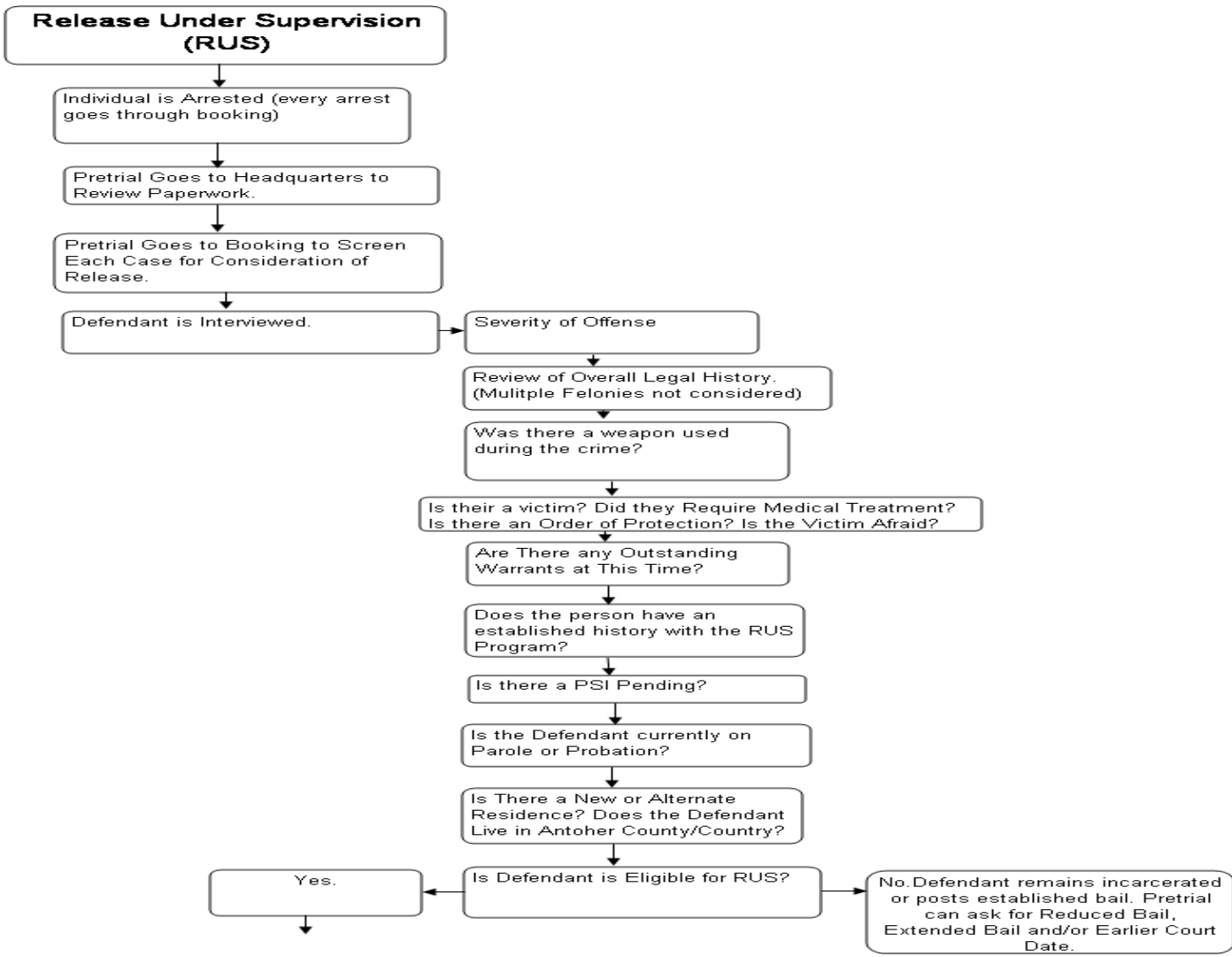
Process: Defendant Arrested Defendant Interviewed by Pre-Trial, Collateral Contacts Made, Case Conference between Pre-Trial and Probation, Notify Judge case accepted by RUS, Defendant Released to RUS and Instructed by Probation Officer

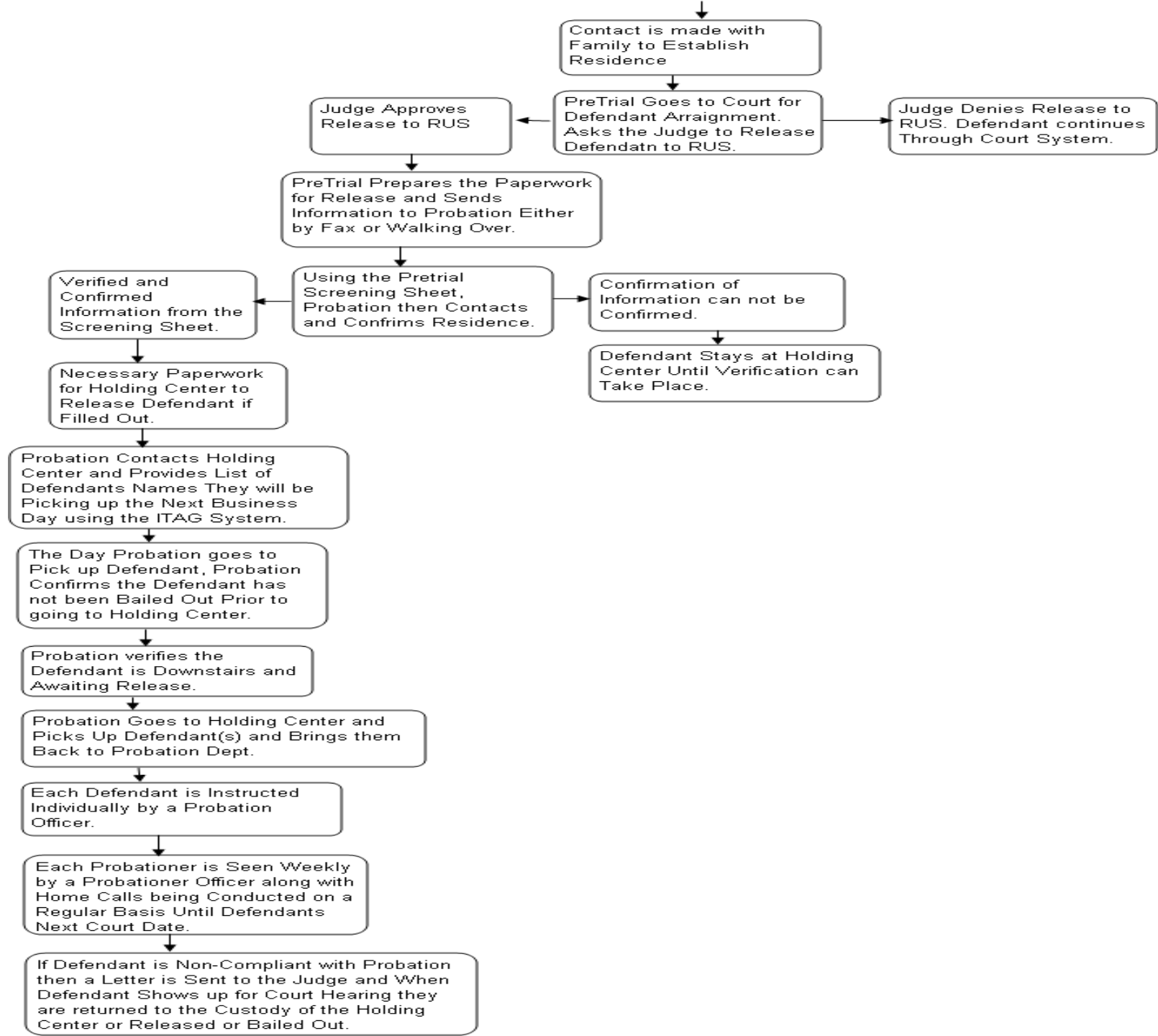
Outputs: Defendant is either accepted or rejected for RUS Program

Customers: Defendant, Judges, Law Enforcement, the Community



PROCESS FLOW DIAGRAM





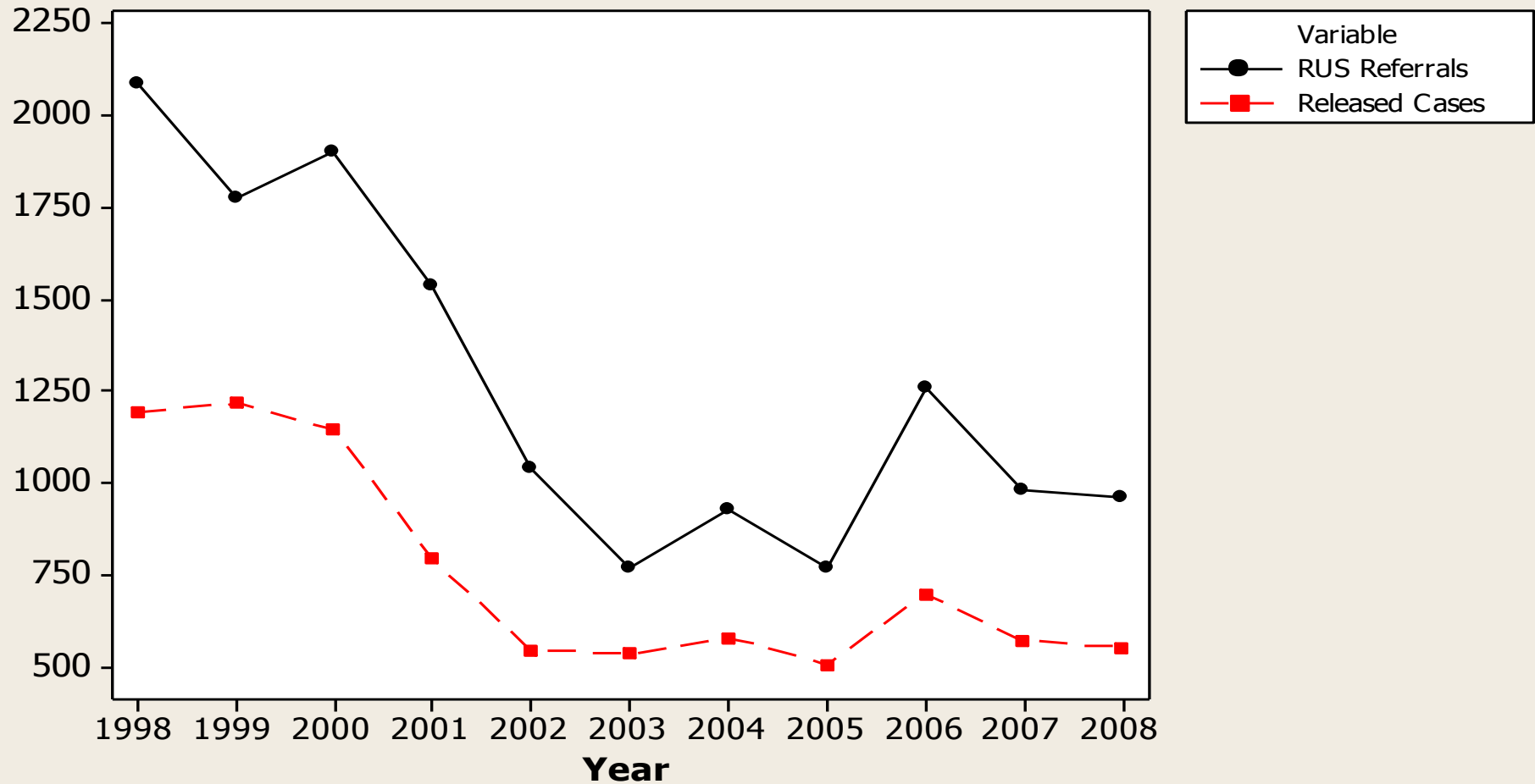


Analyze Phase



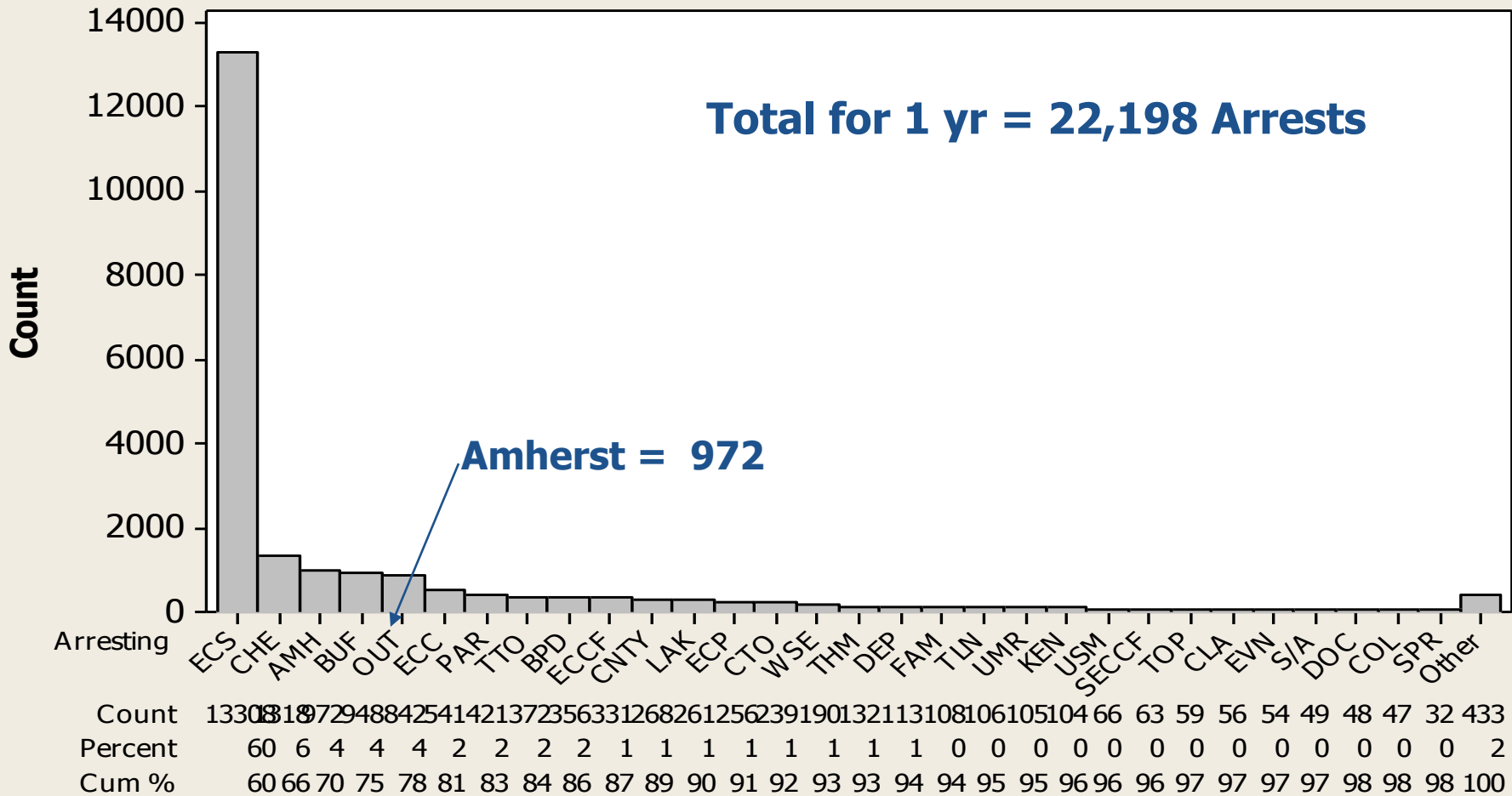


Time Series Plot of RUS Referrals, Released Cases





E C Holding Center Pareto Chart of Arrest in 1yr 5/31/08 to 6/1/09





FINANCIAL ANALYSIS PROJECTION

Potential Project Cost & Savings

- 1 Stage 1 366 days incarcerated from weekend cases x \$128/daily incarceration cost = \$46,848 - \$6,000 O/T costs = **\$40,848**
- 2 Stage 2 Same day release Monday – Thursday
365 yearly RUS cases x \$128/daily incarceration cost = **\$46,720**
3. Stage 3 Referrals from Suburban, Town, Village Courts.
Savings unknown at this time.
4. Example of Potential Savings
Amherst 2008/9 (1yr) arrests transferred to holding center = **972**
48 (at 5% only of Amherst incarcerated arrests) x 95 (avg. length of stay) x \$128/daily incarceration cost = **\$583,680**
This is a very conservative est. Suburban/City Judges send over 22,000 to Holding Center each year.





Improve Phase





TEAM BRAINSTORMING RESULTS

- Stage 1 Weekend Releases.
- Stage 2 Same Day Release
- Stage 3 Town and Village Courts
 - Getting referrals to Pretrial and Probation
 - More education to courts
 - Create more standardized procedures for Towns and Villages
 - Probation representation within the courts
 - Attorney taking paperwork
- Improve Communication with Judge(s). (re-educate them on process) Judge can order RUS and/or Bail.
- Need a more formalized set of restrictions in writing to use as guideline. (for judges, pretrial and probation)
 - List of absolutely not
 - List of possible consideration
- Communication with Sheriff's Dept.
- Not every defendant interviewed.
- Upper Court will release from court.
 - Commitment or securing order need consistency between upper and lower courts. (holding center has to approve sheet)





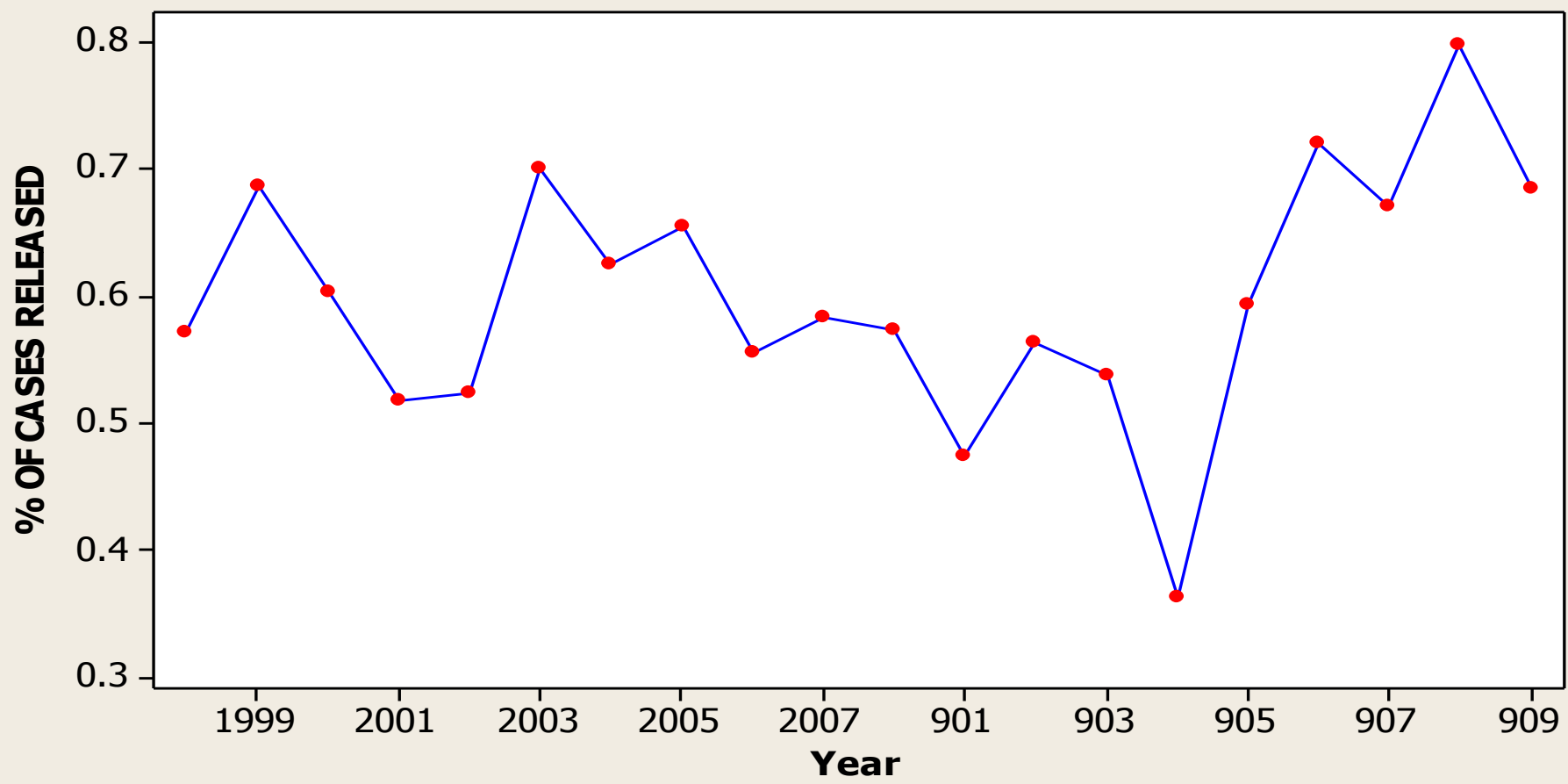
- 1. Meet with representatives from ECSD to discuss changes to present policy to allow defendants to remain at Buffalo City Lockup while case is being reviewed by RUS rather than immediately return them to the Holding Center. This change would likely lead to increased number of same day releases from the Holding Center.**
- 2. Continue to seek meetings with Suburban, Town & Village Judges to increase the pool of appropriate RUS release cases.**





Time Series Plot of % of Cases Released to RUS

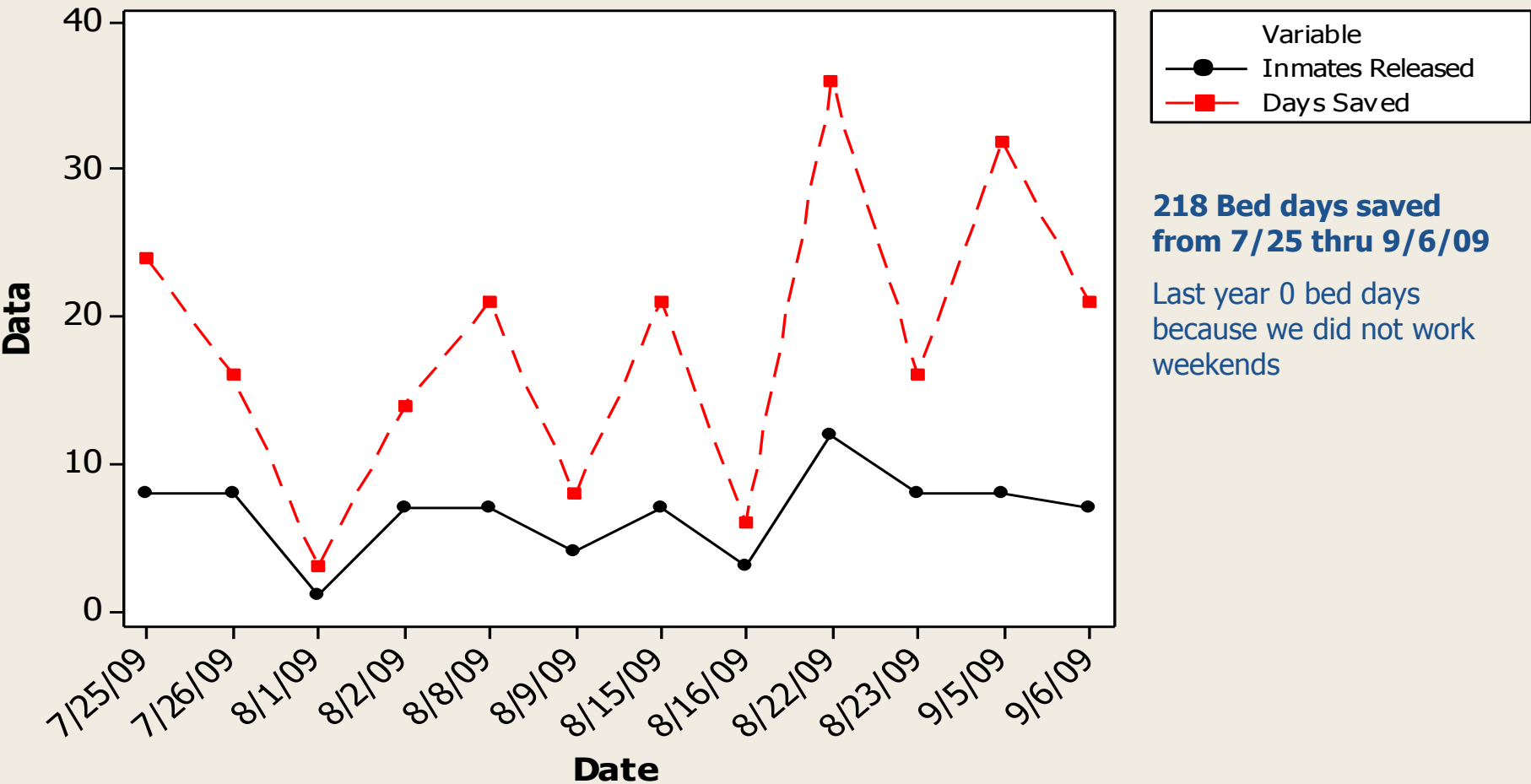
Time Series Plot of % OF CASES RELEASED to RUS



Worksheet: Worksheet 1



Time Series Plot of Inmates Released, Days Saved

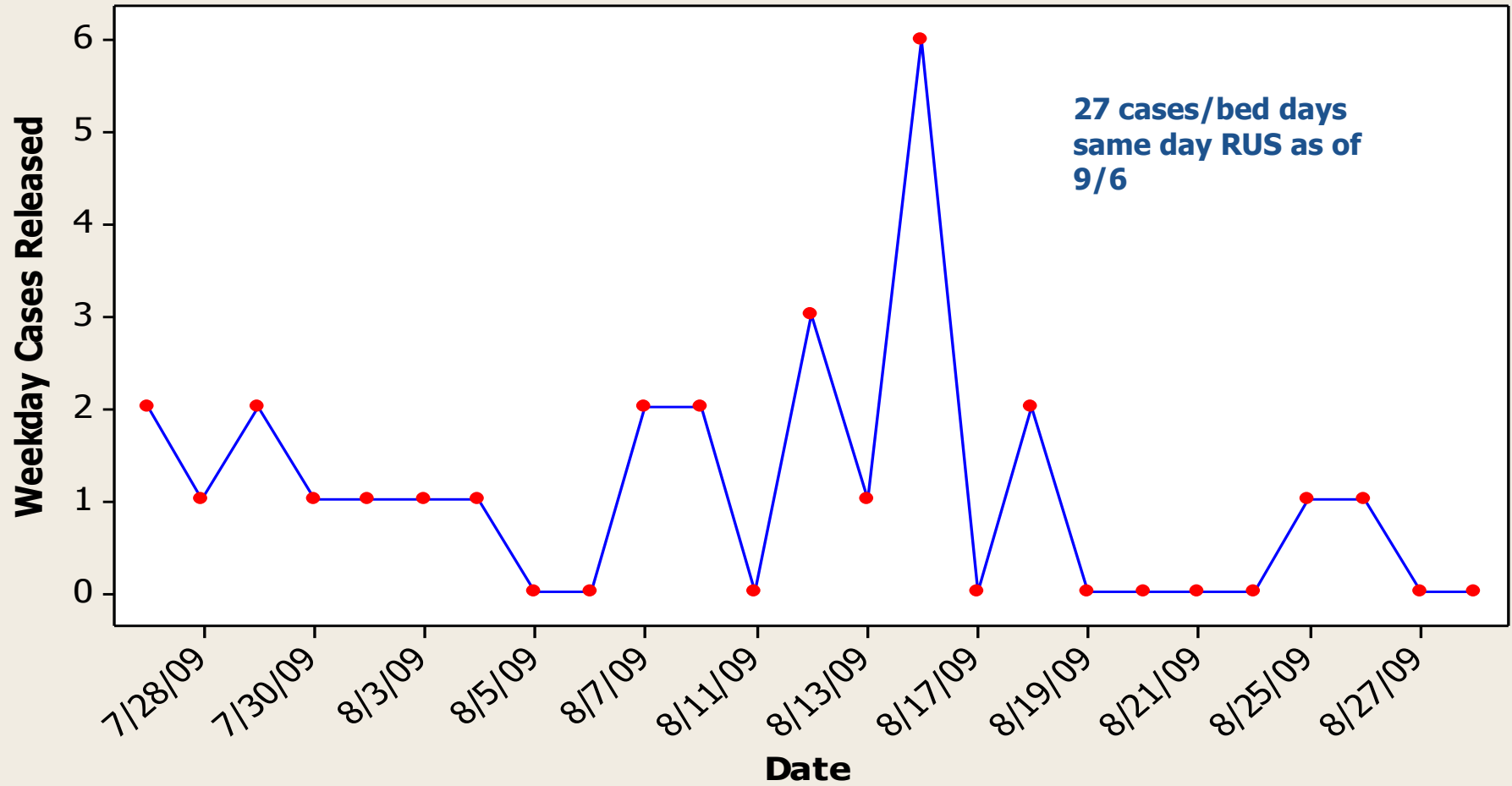


218 Bed days saved
from 7/25 thru 9/6/09

Last year 0 bed days
because we did not work
weekends



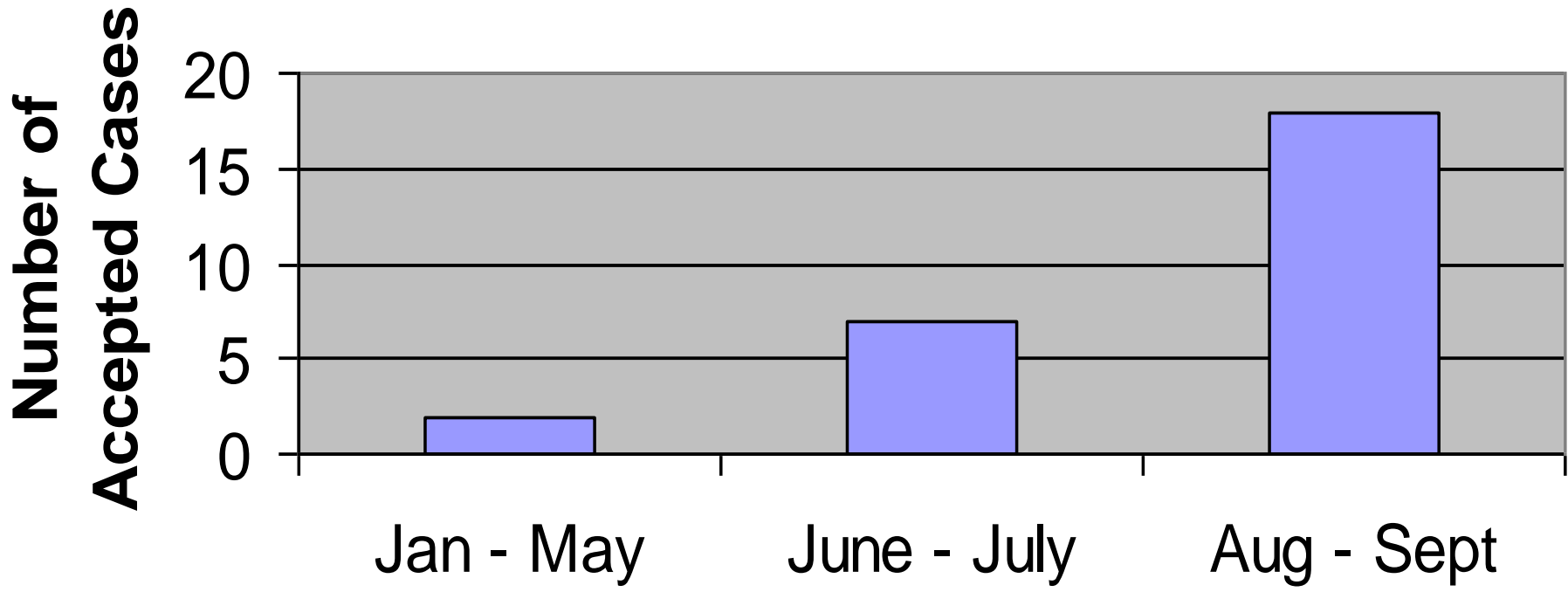
Time Series Plot of Weekday Cases Released - Total Cases 27





Stage 3 Suburban RUS Cases

Number of Suburban RUS Cases 2009



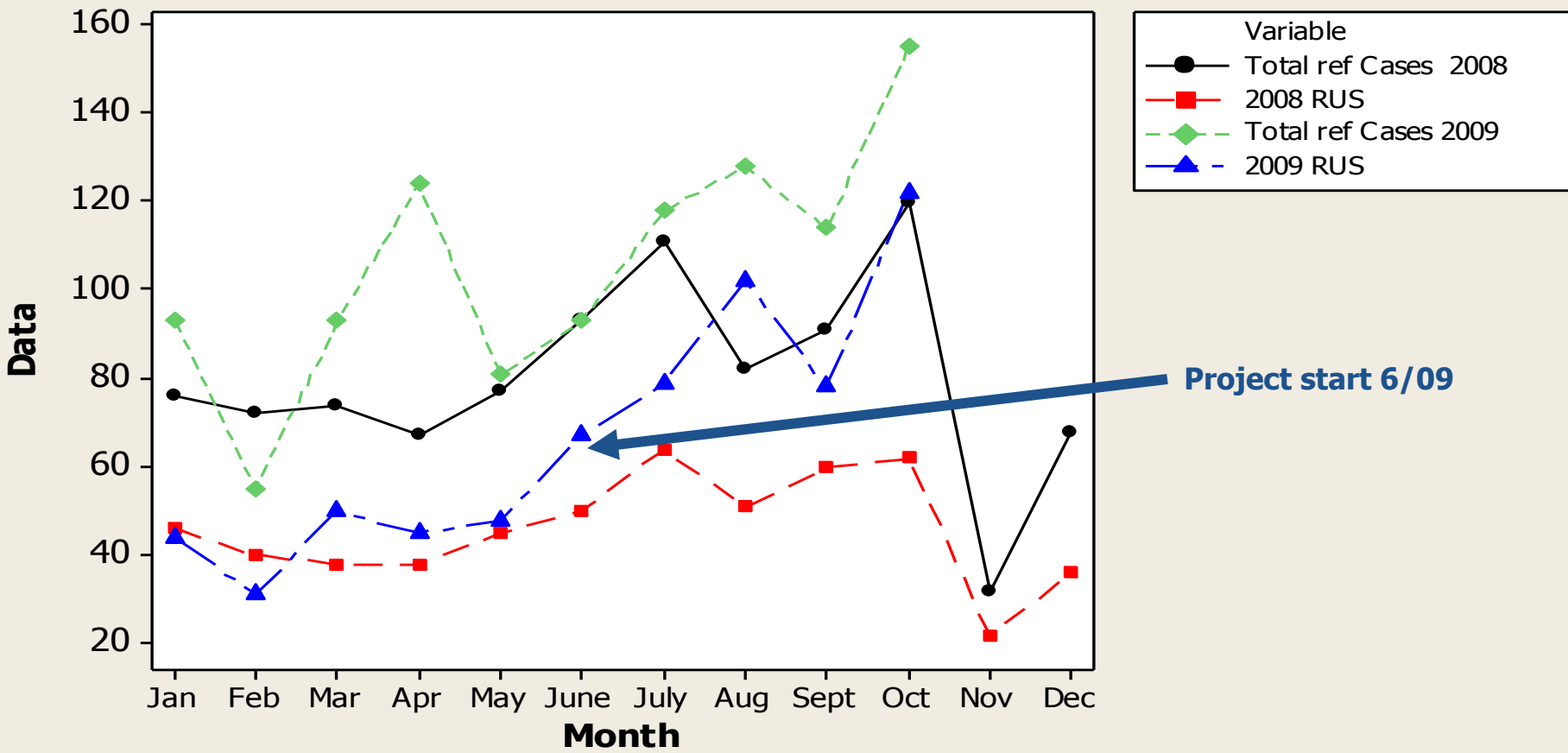


Control Phase



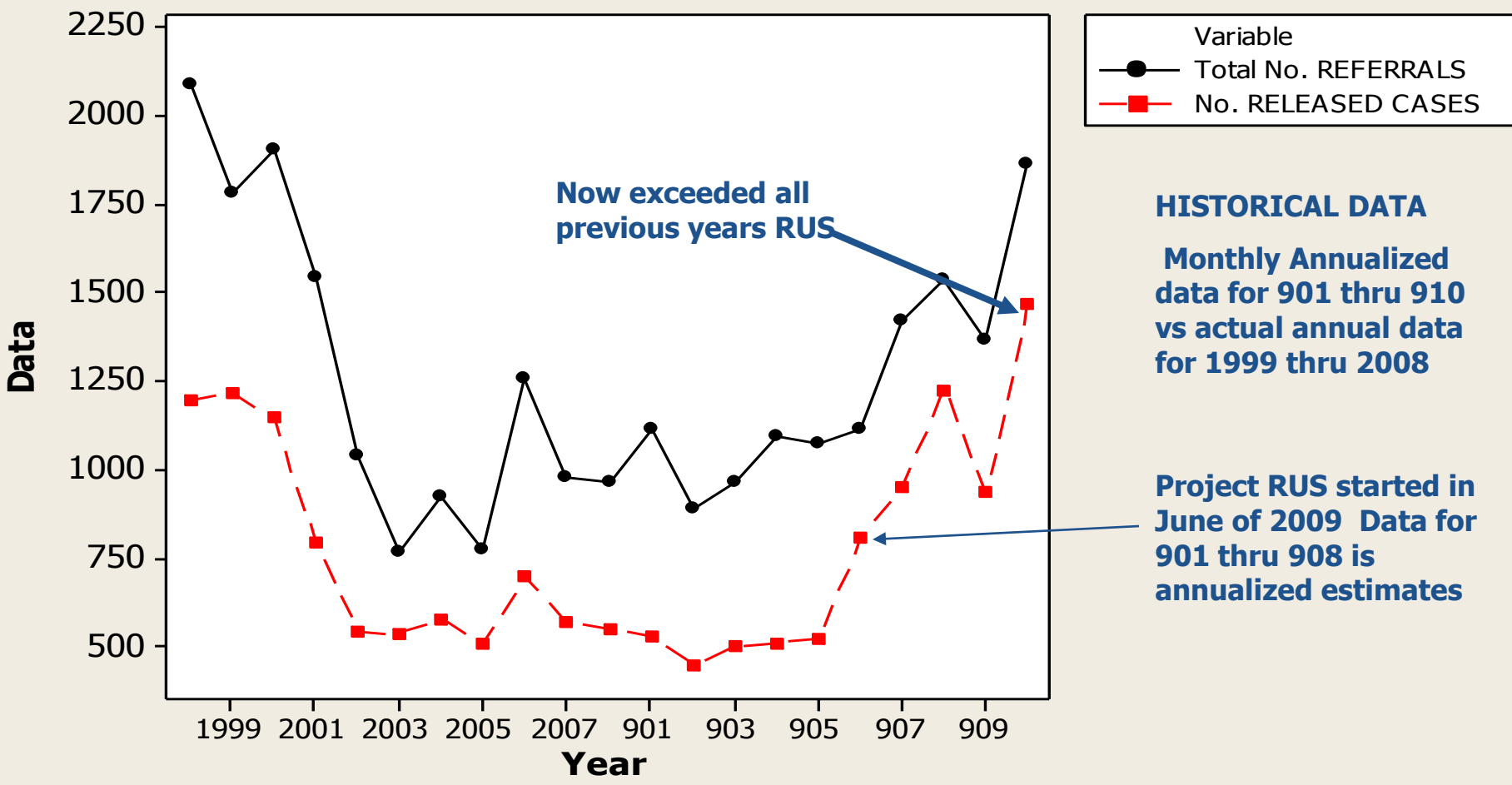


Time Series Plot of Total ref Ca, 2008 RUS, Total ref Ca, 2009 RUS
GB Project Started May 2009





Time Series Plot of Total No. REFERRALS vs No. RUS RELEASED CASES





Bed days saved @ Erie County Holding Center

Stage 1 Weekends RUS

$414 (7/25-11/8) \times 3.3 = 1366$ note only worked some weekends
because some judges do not want to do RUS

Stage 2 same day weekdays RUS

$64 (7/27-10/30) \times 4 = 256$ note this will increase due to changes being
planned at Buffalo City Court holding RUS

Stage 3 Suburban Court Judges starting to use RUS

$23 \text{ new cases } (6/09 \text{ thru } 10/09) \times 3 \times 50 = 3450$ bed days
saved at EC Holding Center

2010 savings = 5072 @ \$128/ day = **\$ 649K** Conser. Est.

2009 savings = 2536 @ \$128/ day = **\$ 324K** Conser. Est.



TRANSITION ACTION PLAN



Next Steps

Stage 2 - Meet with rep of ECSD to discuss changes to present policy to allow defendants to remain at Buffalo City Court lock up while case is being reviewed by RUS officer rather than immediately return to Holding Center. This will increase # of same day releases from holding center.

Ongoing

Stage 3 - Continue to seek meetings with suburban Town and Village Judges to increase the pool of appropriate RUS release cases.

Control Charting – To sustain the gains and continue improvements made in this project, we will continue to monitor incoming data through control charts on a monthly basis.





SIX SIGMA TOOLS USED

Define	Measure	Analyze	Improve	Control
<ul style="list-style-type: none"> ✓ Problem Statement ✓ Macro Map ✓ Identify Customers ✓ Project Scope ✓ Primary Metric ✓ Secondary Metric <input type="checkbox"/> Consequential Metric ✓ Baseline Data <input type="checkbox"/> Entitlement ✓ Objective Statement ✓ Financial Estimates ✓ Non-financial Benefits ✓ Team Members ✓ Brainstorming 	<ul style="list-style-type: none"> ✓ SIPOC Diagram ✓ Process Flow Diagram ✓ Value Analysis/ Muda ✓ Detailed Flow (I/O) <input type="checkbox"/> Measurement System Analysis <input type="checkbox"/> Capability Analysis <input type="checkbox"/> Short Term Capability <input type="checkbox"/> Long Term Capability ✓ Data Collection ✓ Process Monitoring ✓ Lean Opportunities <input type="checkbox"/> C & E Fishbone <input type="checkbox"/> C & E Matrix 	<ul style="list-style-type: none"> ✓ Potential X's ✓ Graphical Analysis <input type="checkbox"/> Hypothesis Testing ✓ Means <input type="checkbox"/> Variance <input type="checkbox"/> Proportions <input type="checkbox"/> ANOVA <input type="checkbox"/> Regression Analysis <input type="checkbox"/> FMEA ✓ ID Critical X's ✓ Quick Improvements ✓ Lean Improvements ✓ Process Tracking 	<ul style="list-style-type: none"> <input type="checkbox"/> Regression Analysis <input type="checkbox"/> DOE Planning <input type="checkbox"/> Screening DOEs <input type="checkbox"/> Quantifying DOEs <input type="checkbox"/> Optimizing DOEs <input type="checkbox"/> Verify Critical X's ✓ $Y = F(x)$ <input type="checkbox"/> Optimization ✓ Generate Solutions ✓ Select Solutions ✓ Pilot Trials <input type="checkbox"/> Capability Analysis 	<ul style="list-style-type: none"> <input type="checkbox"/> Control Methods <input type="checkbox"/> Control Plans <input type="checkbox"/> Poka-Yoke <input type="checkbox"/> SPM – Monitor Y ✓ SPC – Control X's <input type="checkbox"/> OCAP <input type="checkbox"/> Update FMEA <input type="checkbox"/> Project Transition Action Plans <input type="checkbox"/> Update Financial Benefits <input type="checkbox"/> Final report <input type="checkbox"/> Close Project
<input type="checkbox"/> Define Review	<input type="checkbox"/> Measure Review	<input type="checkbox"/> Analyze Review	<input type="checkbox"/> Improve Review	<input type="checkbox"/> Control Review



